

RAFAEL BRU, RAFAEL CANTO (Valencia, Spain), AND BIT-SHUN TAM (Taiwan, Republic of China) Predecessor Property, Full Combinatorial Column Rank, and the Height Characteristic of an M -Matrix	1
NAOMI SHAKED-MONDERER (Haifa, Israel) Extreme Chordal Doubly Nonnegative Matrices With Given Row Sums.	23
K. ZIETAK (Wroclaw, Poland) Properties of Linear Approximations of Matrices in the Spectral Norm	41
TON GEERTS (Tilburg, the Netherlands) Invariant Subspaces and Invertibility Properties for Singular Systems: The General Case	61
EHUD MOSHE BARUCH AND RAPHAEL LOEWY (Haifa, Israel) Linear Preservers on Spaces of Hermitian or Real Symmetric Matrices	89
C.-T. PAN (DeKalb, Illinois) A Perturbation Analysis of the Problem of Downtdating a Cholesky Factorization	103
LEONYA LIVSHITS AND SING-CHEONG ONG (Mount Pleasant, Michigan) On the Invertibility of the Map $T \rightarrow STS^{-1} + S^{-1}TS$ and Operator-Norm Inequalities	117
P. BHIMASANKARAM (Santa Barbara, California) AND THOMAS MATHEW (Baltimore, Maryland) On Ordering Properties of Generalized Inverses of Nonnegative Definite Matrices	131
LI CHING (Zhanjiang City, People's Republic of China) The Maximum Determinant of an $n \times n$ Lower Hessenberg (0, 1) Matrix.	147
T. S. MICHAEL (Annapolis, Maryland) The Structure Matrix of the Class of r -Multigraphs With a Prescribed Degree Sequence	155
TILO FINCK, GEORG HEINIG, AND KARLA ROST (Chemnitz, Germany) An Inversion Formula and Fast Algorithms for Cauchy-Vandermonde Matrices	179
RICHARD A. BRUALDI AND JENNIFER J. Q. MASSEY (Madison, Wisconsin) More on Structure-Ranks of Matrices	193

Table of Contents continued

A. M. MATHAI (Montreal, Quebec, Canada)	
Appell's and Humbert's Functions of Matrix Arguments	201
ROBERTO COSTA AND HENRIQUE GUZZO, JR. (São Paulo, Brazil)	
Indecomposable Baric Algebras	223
PAUL SCHWEITZER (Rochester, New York) AND G. W. STEWART (College Park, Maryland)	
The Laurent Expansion of Pencils That Are Singular at the Origin	237
J. P. R. CHRISTENSEN, (Copenhagen, Denmark) AND P. FISCHER (Guelph, Ontario, Canada)	
Multidimensional Stochastic Matrices and Error-Correcting Codes	255
AUTHOR INDEX	277

